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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/677,631	10/03/2000	Masahiko Kitajima	07136.00002(UBH2)	5472

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06/17/2003

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EXAMINER

LEE, BENNY T

ART UNIT

PAPER NUMBER

2817

DATE MAILED: 06/17/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Address: COMMISSION OF PATENTS AND TRADEMARKS
Washington, D. C. 20231

09/677,631

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.

EXAMINER	
ART UNIT	PAPER NUMBER
	8

DATE MAILED:

This is a communication from the examiner in charge of your application.

COMMISSIONER OF PATENTS AND TRADEMARKS

- ☐ This application has been examined ☒ Responsive to communication filed on 29 March 2003 ☐ This action is made final.

A shortened statutory period for response to this action is set to expire 12(12) month(s), 29 days from the date of this letter.
Failure to respond within the period for response will cause the application to become abandoned. 35 U.S.C. 133

Part I THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION:

- | | |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited by Examiner, PTO-892. | 2. <input type="checkbox"/> Notice re Patent Drawing, PTO-948. |
| 3. <input type="checkbox"/> Notice of Art Cited by Applicant, PTO-1449 | 4. <input type="checkbox"/> Notice of Informal Patent Application, Form PTO-152 |
| 5. <input type="checkbox"/> Information on How to Effect Drawing Changes, PTO-1474 | 6. <input type="checkbox"/> _____ |

Part II SUMMARY OF ACTION

1. ☒ Claims 1-16 are pending in the application.
Of the above, claims _____ are withdrawn from consideration.
2. ☐ Claims _____ have been cancelled.
3. ☒ Claims 1-16 are allowed.
4. ☐ Claims _____ are rejected.
5. ☐ Claims _____ are objected to.
6. ☐ Claims _____ are subject to restriction or election requirement.
7. ☐ This application has been filed with informal drawings which are acceptable for examination purposes until such time as allowable subject matter is indicated.
8. ☐ Allowable subject matter having been indicated, formal drawings are required in response to this Office action.
9. ☐ The corrected or substitute drawings have been received on _____. These drawings are ☐ acceptable;
☒ not acceptable (see explanation).
10. ☐ The ☐ proposed drawing correction and/or the ☐ proposed additional or substitute sheet(s) of drawings, filed on _____ has (have) been ☐ approved by the examiner. ☐ disapproved by the examiner (see explanation).
11. ☒ The proposed drawing correction, filed 29 March 2003, has been ☐ approved. ☒ disapproved (see explanation). However, the Patent and Trademark Office no longer makes drawing changes. It is now applicant's responsibility to ensure that the drawings are corrected. Corrections MUST be effected in accordance with the instructions set forth on the attached letter "INFORMATION ON HOW EFFECT DRAWING CHANGES", PTO-1474.
12. ☐ Acknowledgment is made of the claim for priority under 35 U.S.C. 119. The certified copy has ☐ been received ☐ not been received
☐ been filed in parent application, serial no. _____; filed on _____
13. ☒ Since this application appears to be in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.
14. ☐ Other

SN 677631

Art Unit: 2817

DETAILED ACTION

This application is in condition for allowance except for the following formal matters:

In the Specification:

The disclosure is objected to because of the following informalities: In the newly added paragraph to page 5, note that "traps 10" should correctly be --transmission holes 10-- and --(Fig. 2)-- should be inserted after "D" & "2D", respectively. In the replacement paragraph to page 7, note that --including four (4) transmission poles-- should precede "20" and " $\Theta 1$, $\Theta 2$, $\Theta 3$ and $\Theta 4$ " should be rewritten as --four (4) transmission poles $\Theta 2$, $\Theta 3$, $\Theta 4$ and $\Theta 5$ --; also --including trap resonators-- should precede "40" and " $\Theta 1$ resonator" should be rephrased as --trap resonator $\Theta 1$ --; furthermore, note that "nine (9) transmission poles including $\Theta 1$ and three (3) trap resonators, also including $\Theta 1$ " should be rephrased that " $\Theta 1$ serves as both a "pole" & a "trap resonator". In the replacement paragraphs to page 8, note that "7C to 7K" should be rewritten as --7C, 7D, 7E, 7F, 7G, 7H, 7J, 7K-- and --capacitance-- should precede "coupling C1, C2 and C3-". Also, note that "impedance Z " does not appear consistent with the corresponding labeling of " $Z1$ " in Figs. 7C, 7D, 7F, 7H, 7K, 8A, respectively; moreover, note that for the appropriate "inductance", reference to corresponding ones of --Fig. 7F--, --Fig. 7H-- and --Fig. 7K-- should be provided. In general, all reference labels in the drawings should be correspondingly described in the specification. Appropriate correction is required.

In the Drawings:

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The drawings are objected to because it is again requested that in Figs. 7C, 7D, 7E, 7H, 7K, 8A, note that reference label --Z-- needs to be labeled as per the amended specification. A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

In the Claims:

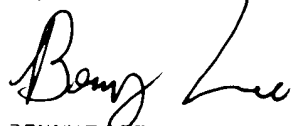
In claim 1, seventh paragraph, note that "said center of said offset hole" should be rephrased as --said offset hole having a center which-- for a proper characterization.

In claim 13, line 2, note that "is has" should be rephrased for a better characterization.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

Any inquiry concerning this communication should be directed to Benny Lee at telephone number 308 4902.


BENNY T. LEE
PRIMARY EXAMINER
ART UNIT 2817